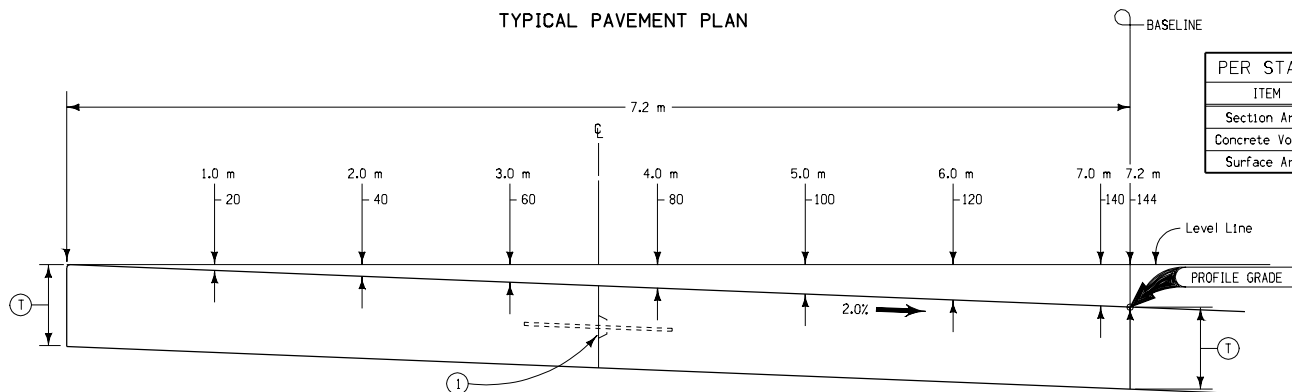


TYPICAL PAVEMENT PLAN



TYPICAL CROSS SECTION

Edge radius shall be 5 millimeters except if pavement abuts on adjacent pavement, then use 3 millimeters.

GENERAL NOTES:

This plan illustrates the general requirements for a 7.2 meter ramp P.C. Concrete Pavement. Refer to individual project plans for specific dimensional requirements and other details of pavement construction.

Refer to Standard Road Plan RH-50, RH-51, and RH-52 for details of construction of joints in pavement. Joint layout shall be skewed 6:1 right ahead, as shown, except at pavement intersection areas and other locations specifically designated by the Engineer. End of day's work joint and joint at bridge approach section shall be constructed perpendicular to ramp base line. Transverse joints will be "CD" except when "C" joints are specifically required as a part of detail project plans.

Normal pavement slope as detailed hereon may be modified appropriately in areas of superelevation transition, or other locations specifically designated by the engineer. Refer to typical cross sections, Standard Road Plans, and project plans for superelevation.

The contract item is "Standard or Slip-Form P.C. Concrete Pavement."

- ① Joint will be:
'L-2' or 'KT-2' for T greater or equal to 200 millimeters.

PER STATION DESIGN QUANTITIES FOR PAVEMENT AS DETAILED HEREON												
ITEM	UNIT	T=200	T=210	T=220	T=230	T=240	T=250	T=260	T=270	T=280	T=290	T=300
Section Area	m ²	1.440	1.512	1.584	1.656	1.728	1.800	1.872	1.944	2.016	2.088	2.160
Concrete Volume	m ³	144.0	151.2	158.4	165.6	172.8	180.0	187.2	194.4	201.6	208.8	216.0
Surface Area	m ²	720	720	720	720	720	720	720	720	720	720	720

All dimensions given in millimeters unless noted.

METRIC VERSION	M	Iowa Department of Transportation	
		Highway Division	
	STANDARD ROAD PLAN	RH-54	
	REVISION: Remove less than 200 mm statements. Show Profile Grade and Baseline on plan view.		
	APPROVED BY <i>William J. Stem</i> DESIGN METHODS ENGINEER		
		REVISION NO. 2	REVISION DATE 10-02-01
7.2 m CONCRETE RAMP PAVEMENT			